

#### ABSTRACT OF THE DISCLOSURE

A light-emitting material of the present invention includes diplophase compound that is expressed in the following general formula:  $(\text{Sr, Eu, Dy})_{0.95 \pm x}(\text{Al, B})_{203.95 \pm x} \cdot (\text{Sr, Eu, Dy})_{4-x}(\text{Al, B})_{14}\text{O}_{25-x}$  (in the formula,  $x=0.01$  to  $0.1$ , a content of B element is  $0.2$  to  $1.0$  % by weight, a content of Eu is  $0.5$  to  $3.0$  % by weight and a content of Dy is  $0.1$  to  $3.0$  % by weight). A producing method of a light-emitting material of the present invention comprises (1) step for measuring previously pulverized raw materials, and mixing them to obtain a mixture of raw material, (2) step for putting the mixture into a container, heating the mixture from  $850^{\circ}\text{C}$  to  $1200^{\circ}\text{C}$  for three hours under a reduction condition, keeping the temperature for five to six hours, thereby obtaining a sintered body, (3) step for stopping the heating operation and cooling the sintered body naturally down to a room temperature, and (4) step for pulverizing the sintered body to obtain a product. In the step (2), reduction is carried out using carbon powder.